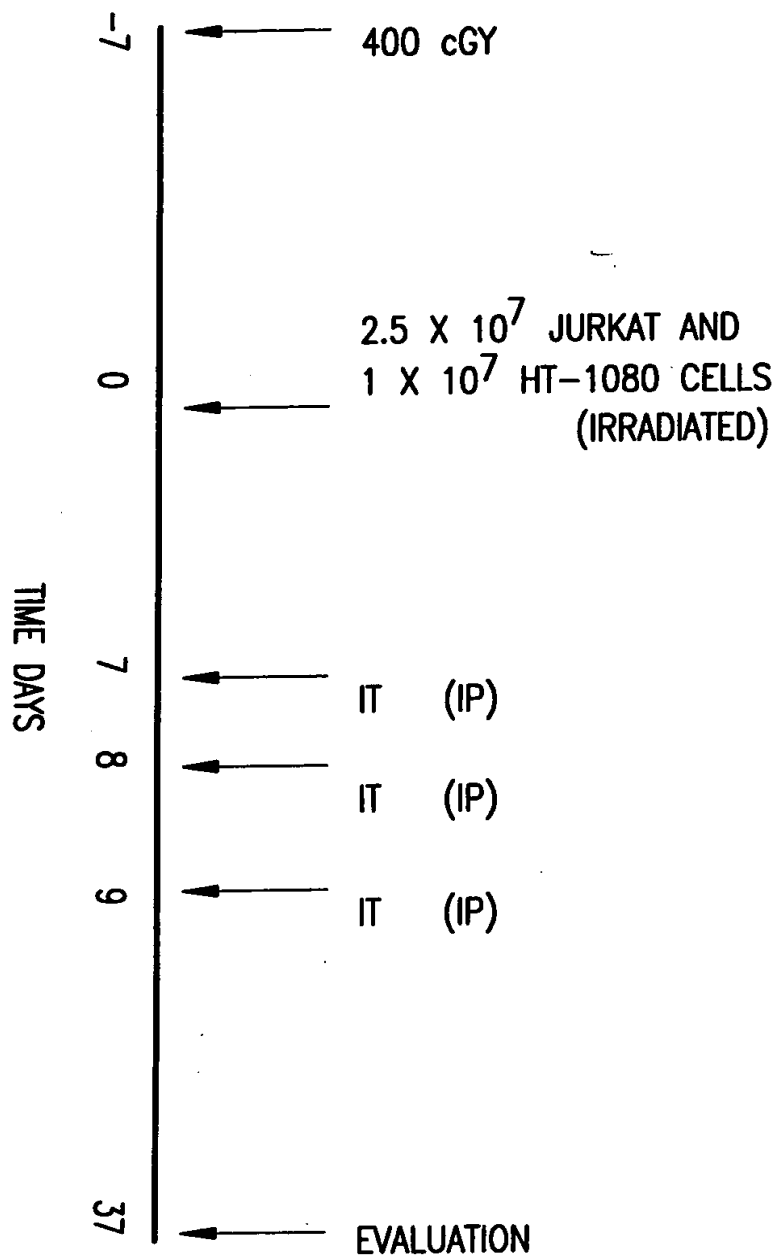


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Fig. 1



00300565 00003000

FIG.2a

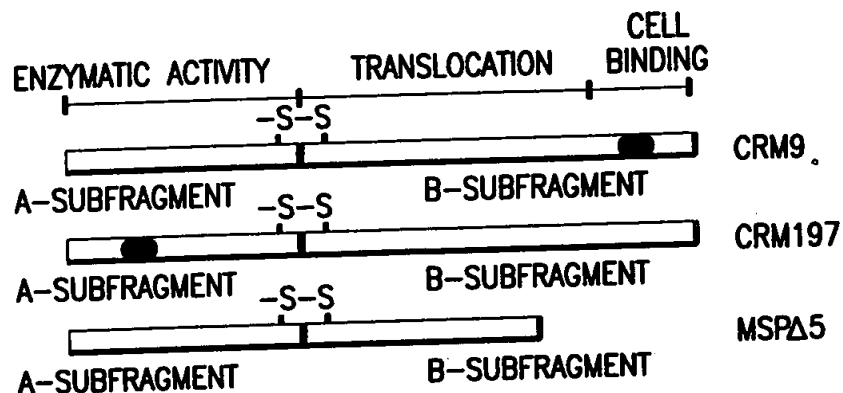


FIG.2b

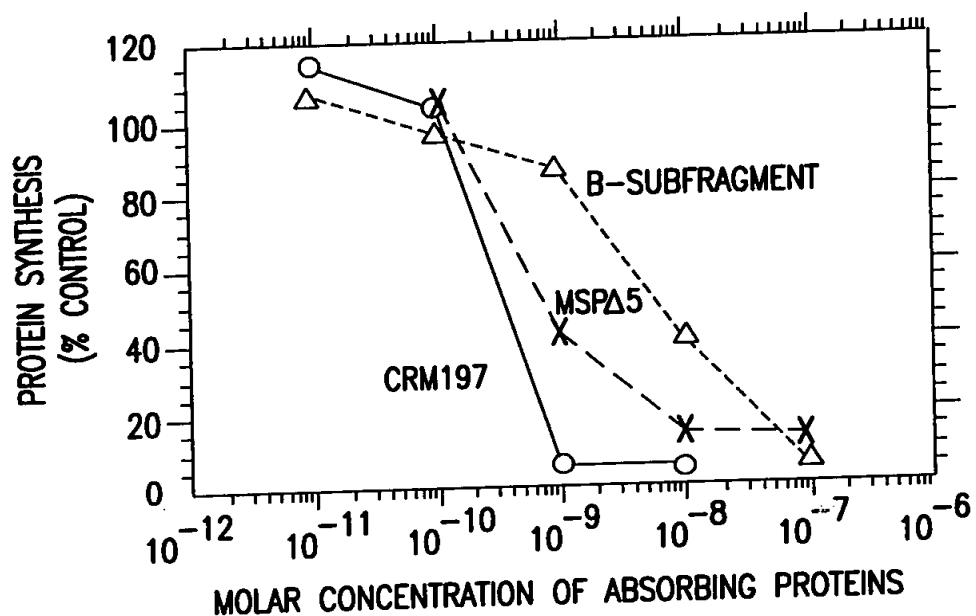


FIG.2c

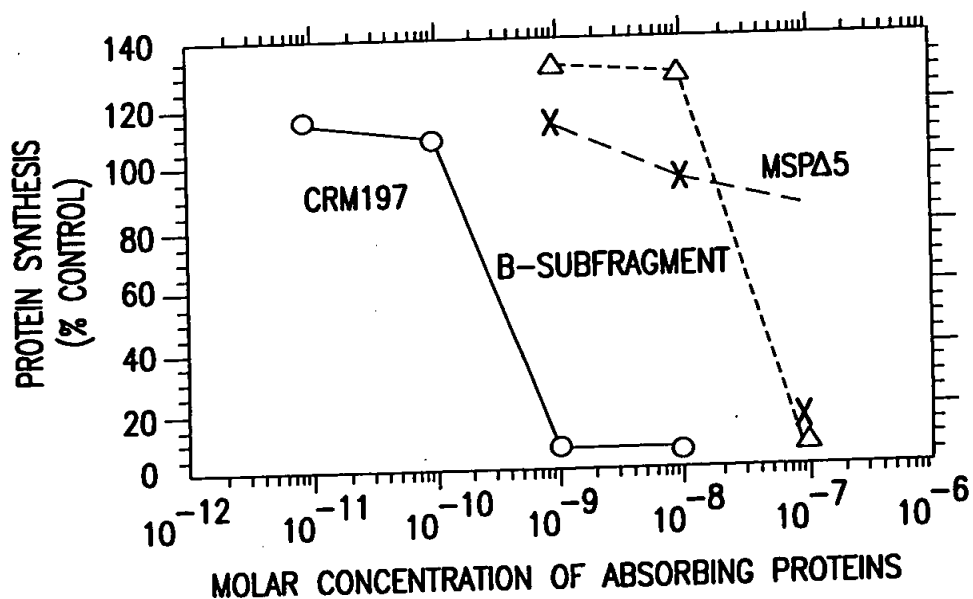


FIG.3a

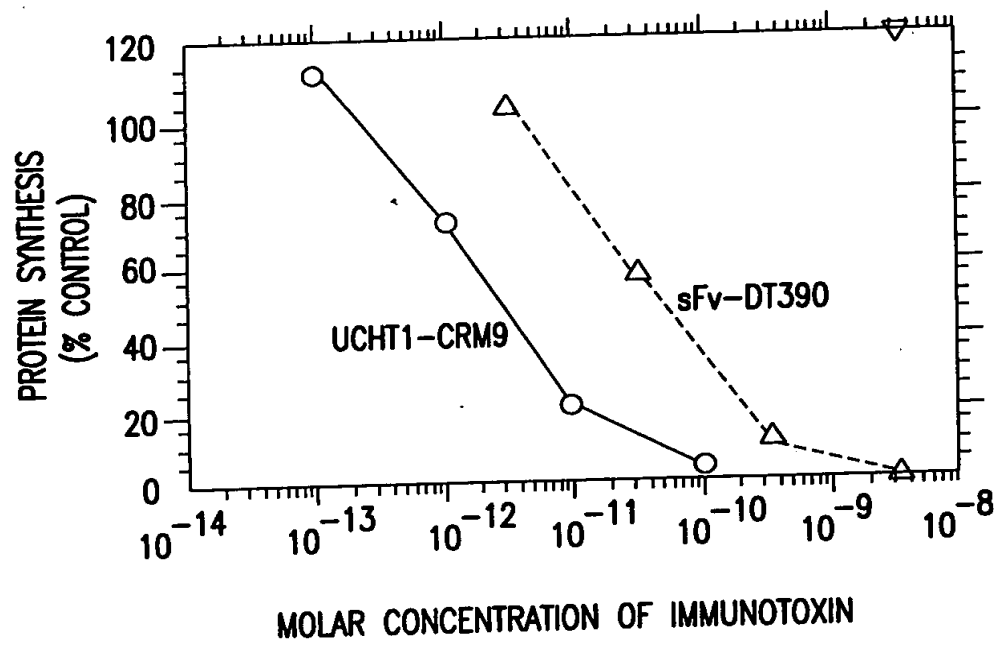


FIG.3b

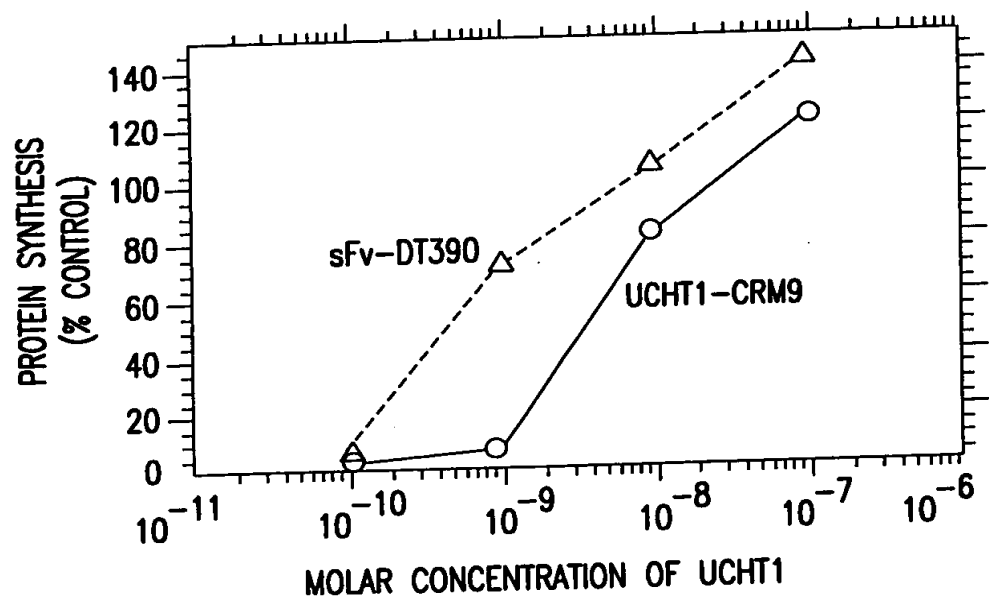


FIG. 4

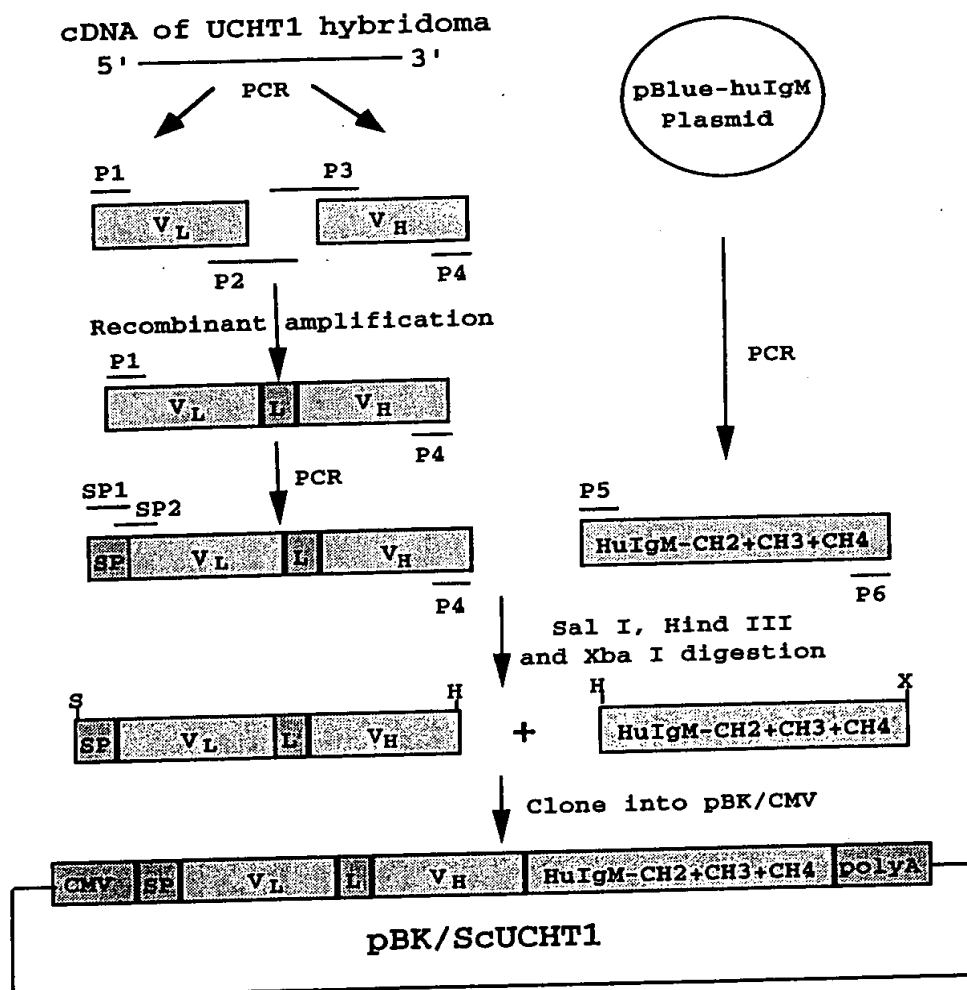
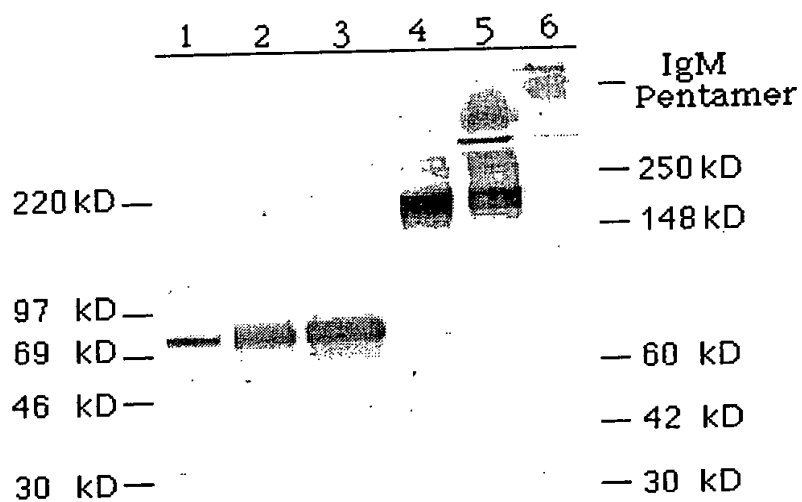
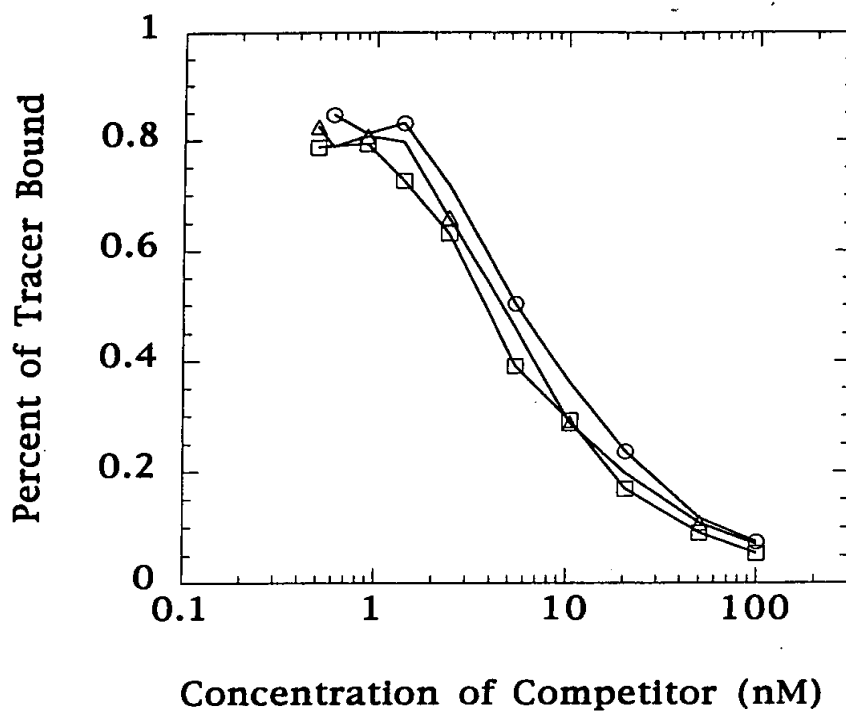


FIG. 5

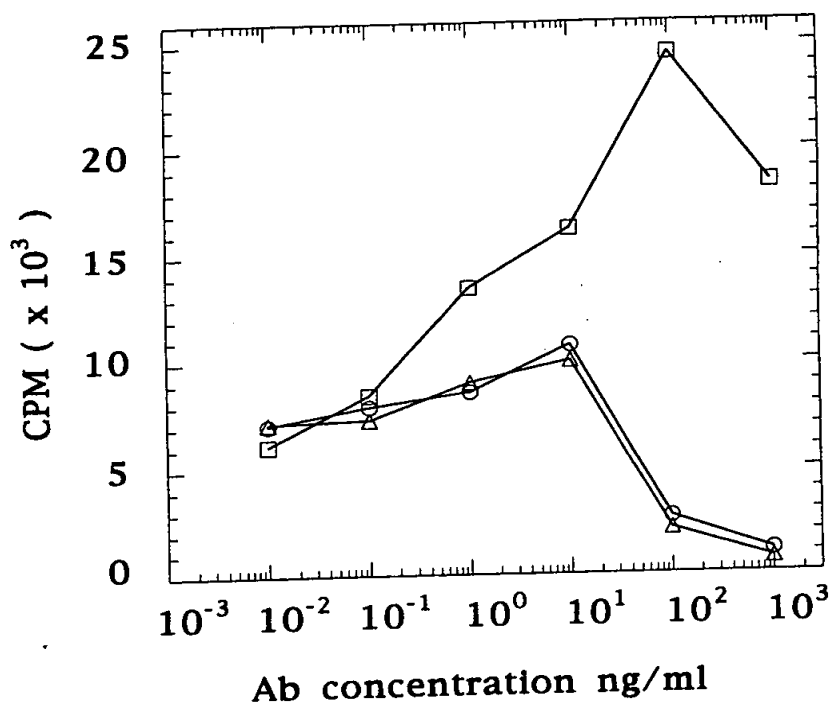
APPROVED	O.G. FIG.	
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Fig. 6



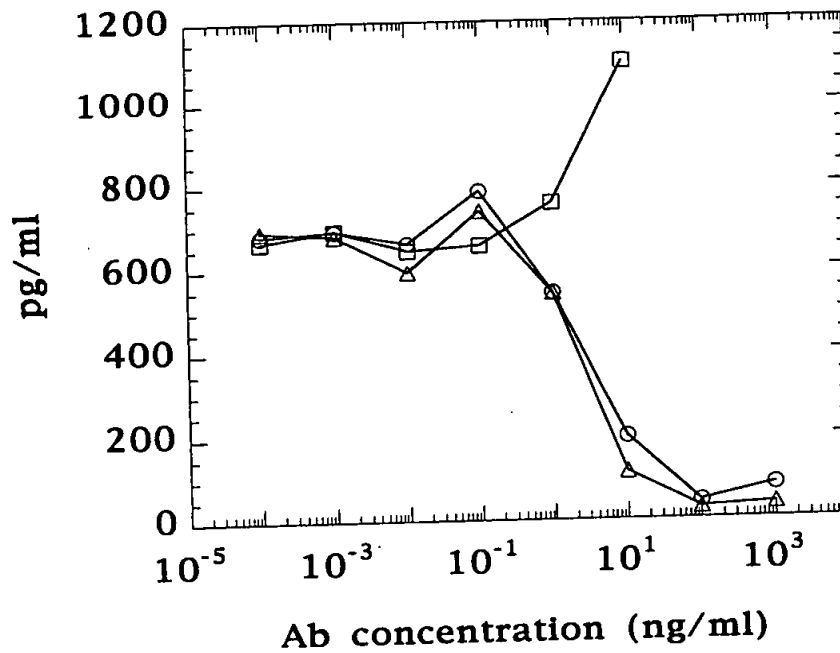
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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FIG. 7



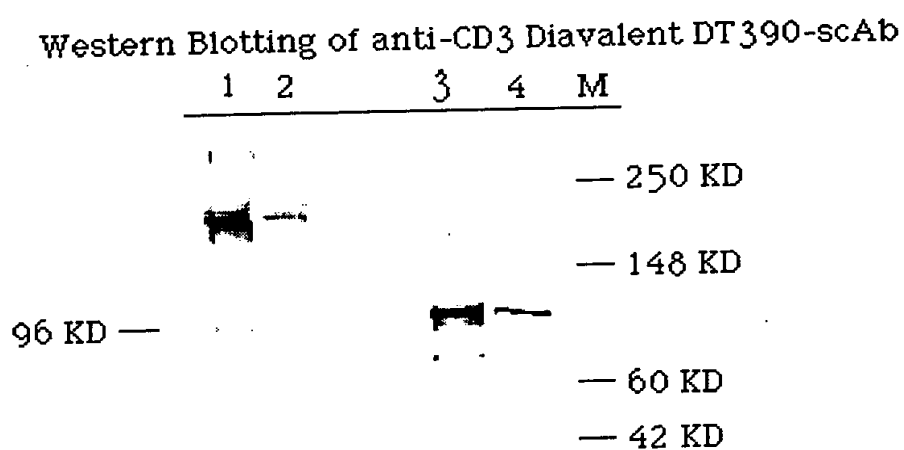
Ab Concentration (ng/ml)	Ab bound (pg/ml) - Squares	Ab bound (pg/ml) - Circles	Ab bound (pg/ml) - Triangles
10^{-2}	~40	~20	~10
10^{-1}	~60	~30	~10
10^0	~100	~30	~10
10^1	~200	~30	~10
10^2	~530	~30	~10
10^3	~970	~70	~40

Fig. 8b



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FIG. 9



1, 2. non-reduced condition.
 2, 4. reduced condition
 1, 3 and 2, 4 are two samples

Fig. 10

Metagenesis and Cloning of DTM1

1. PCR amplification:

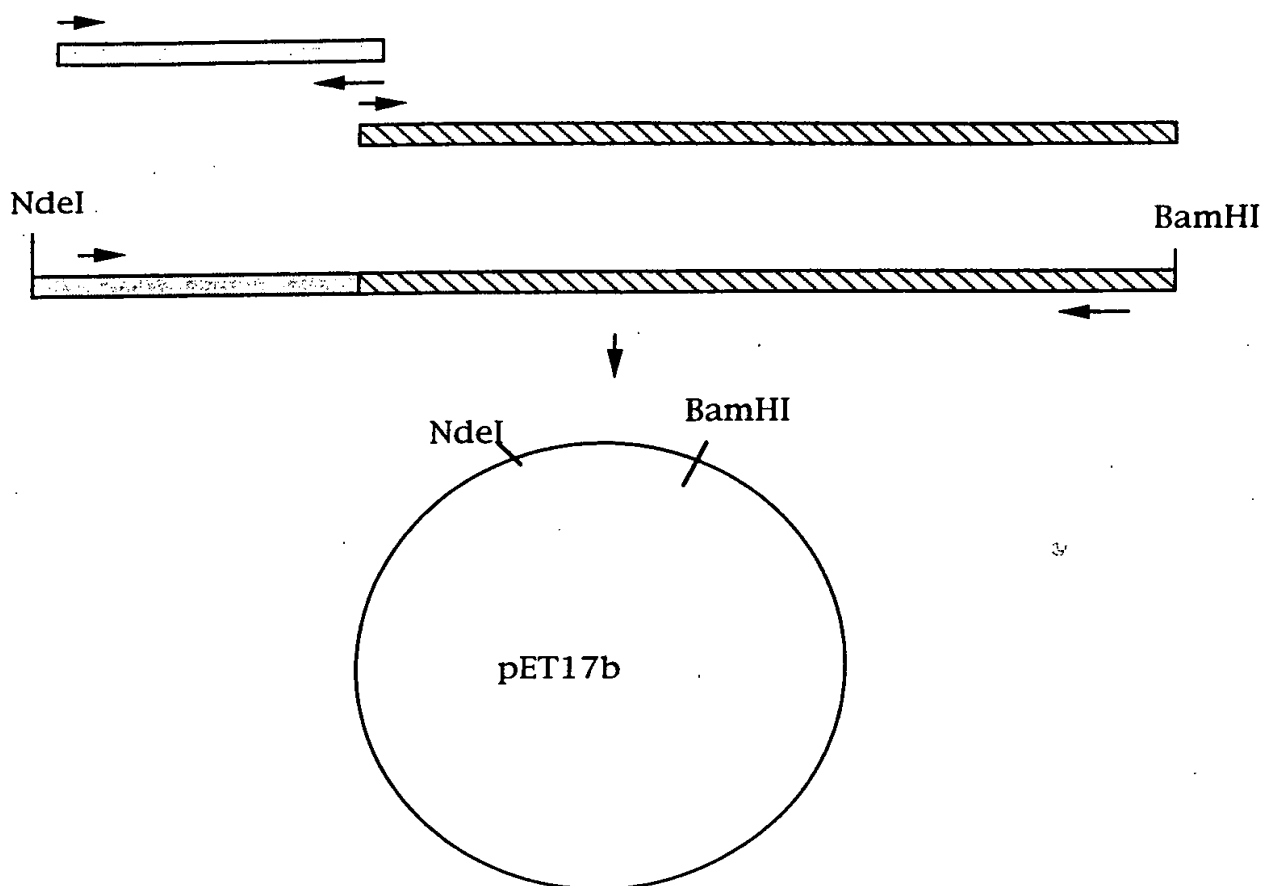


FIG. 11

cdNA of UCHT1 hybridoma

5' ————— 3'

PCR

P1



P3



P2

P4

Recombinant amplification

P1



PCR

SP1 SP2



P4



+

P5



P6

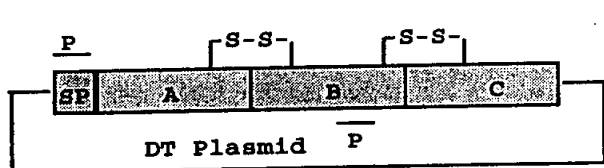
Sal I, Hind III
and Xba I Digestion



Clone into pBK/CMV



pBK/ScUCHT1



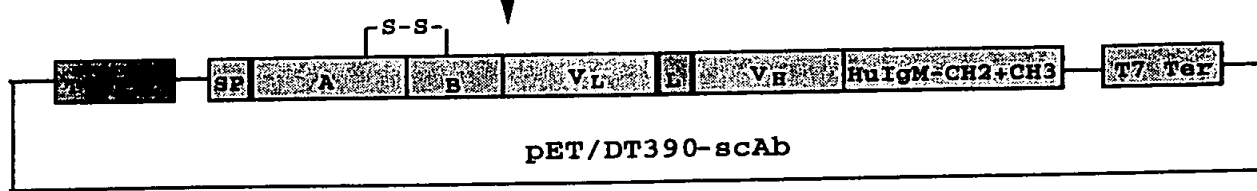
PCR Nde I, Nco I
Digestion



PCR Nco I, Not I
Digestion



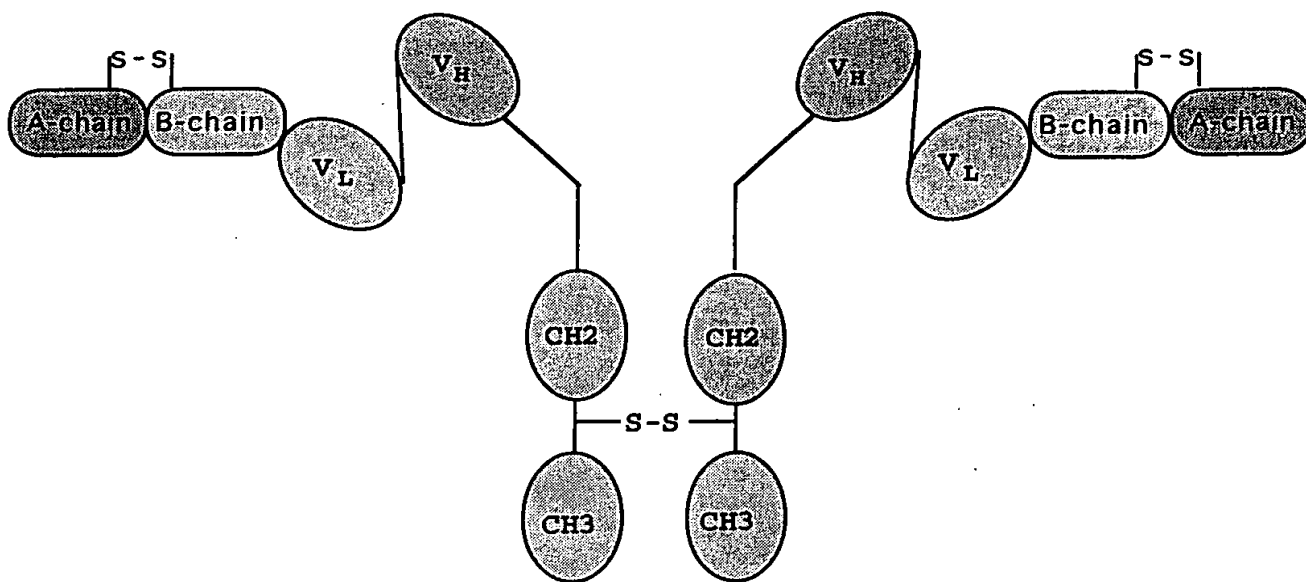
Ligation into pET 17b



pET/DT390-scAb

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FIG. 13



00000-5500000

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FIG. 15

